



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 17-Sep-19	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -SEPT- 2019

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2019	2018	2019	2018	2019	2018	2019	2018		
01-Sep-19	2468.54	2560.36	2039.21	2230.91	-32.76	0.61	9161	9993	50.02	34.77
02-Sep-19	2399.48	2515.11	2031.70	2109.10	-5.28	18.13	9406	9576	50.01	30.24
03-Sep-19	2437.54	2383.22	2141.70	2078.21	-25.62	19.04	9752	9840	50.00	28.95
04-Sep-19	2391.03	2434.51	2254.73	2042.31	-20.07	4.72	10161	9677	50.00	67.57
05-Sep-19	2488.11	2388.98	2255.37	2088.96	-33.63	10.80	10121	9867	50.01	80.00
06-Sep-19	2436.38	2319.67	2287.17	2153.99	7.41	12.07	10363	9749	50.00	78.62
07-Sep-19	2464.91	2258.92	2248.56	2172.17	-16.71	13.32	10002	9972	50.00	100.63
08-Sep-19	2493.24	2385.31	2213.03	2003.78	-13.92	-4.90	9809	9693	50.01	55.72
09-Sep-19	2484.98	2147.80	2326.45	1762.88	-36.52	7.38	10593	8102	49.96	75.80
10-Sep-19	2542.36	2066.97	2463.60	1822.45	-27.92	6.13	11154	8404	49.99	173.53
11-Sep-19	2671.11	2006.40	2535.18	1898.07	-36.45	21.34	11553	8396	49.99	276.44
12-Sep-19	2744.62	2099.59	2528.79	2011.99	-30.24	0.01	11366	8916	49.99	422.67
13-Sep-19	2766.62	2125.48	2474.29	2094.31	-13.00	-0.17	11002	9218	50.00	359.75
14-Sep-19	2752.72	2359.06	2433.53	2129.74	-10.61	-1.52	10733	9939	50.01	223.70
15-Sep-19	2664.56	2332.57	2371.13	2166.61	-3.50	-6.78	10548	9936	50.01	171.92
16-Sep-19	2503.94	2299.90	2438.23	2141.68	-1.21	-0.46	11079	10010	49.99	263.12
17-Sep-19	2517.18	2297.89								
18-Sep-19										
19-Sep-19										
20-Sep-19										
21-Sep-19										
22-Sep-19										
23-Sep-19										
24-Sep-19										
25-Sep-19										
26-Sep-19										
27-Sep-19										
28-Sep-19										
29-Sep-19										
30-Sep-19										
01-Oct-19										
MAXIMUM OF THE MONTH	2766.62	2560.36	2535.18	2230.91	7.41	21.34	11553.00	10010.00	50.02	422.67
MIN OF THE MONTH	2391.03	2006.40	2031.70	1762.88	-36.52	-6.78	9161.00	8102.00	49.96	28.95
AVERAGE	2542.78	2293.04	2315.17	2056.70	-18.75	6.23	10425.19	9455.50	50.00	152.71
MAX.CONSUMPTION TILL DATE DURING THE FY 2019-20 (L.U.)							2797.55		11-Jun-19	
MAX.PEAK LOAD TILL DATE DURING THE FY 2019-20 (MW)							12620	(23.15-23.30 Hrs.)	07-Jun-19	
MAX.CONSUMPTION DURING THE FY 2018-19 (L.U.)							2549.75		05-Jun-18	
MAX.PEAK LOAD DURING THE FY 2018-19 (MW)							13276	(09.30-09.45Hrs.)	28-Dec-18	
MAX.WIND TILL DATE DURING THE YEAR 2019-20 (L.U.)							742.55		14-Jul-19	
MAX.WIND DURING THE YEAR 2018-19 (L.U.)							565.54		13-Jun-18	

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 31.08.2018 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		16-Sep-19		
1	KTPS (1240/1240)	191.11	258.00	219.50
2	STPS (1500/1500)	181.47	108.00	95.26
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	21.00	21.00	20.81
5	RAPP-A(200/200)	36.00	36.00	39.58
6	MAHI (140/140)	0.00	0.00	9.72
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	4.89
8	SSCTPS#7	0.00	0.00	0.00
9	CHHABRA TPS (1000/1000)+CSCTPP (660/660)	330.00	260.00	261.21
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	415.00	415.00	372.32
11	WIND FARM (4139.20/4292.95)	188.00	223.00	263.12
12	SOLAR POWER(1661.70/2250.16)	129.63	150.99	175.44
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	0.00	0.00	0.00
16	BIOMASS – (101.95/119.25)	6.00	8.00	5.92
17	BARSINGHSAR LTPS(250/250)	51.00	51.00	52.71
18	RAJWEST (1080/1080)	172.00	172.00	164.82
	TOTAL (A) : 1-18	1721.21	1702.99	1685.30
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	44.82	37.49	38.48
b)	DEHAR (198/ 990)	26.64	26.30	26.37
c)	PONG (231.66/396)	33.82	33.82	33.82
	TOTAL : a TO c	105.27	97.60	98.66
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)+SINGRAULI SHEP (1.87/8.00)	56.05	55.50	55.90
e)	RIHAND (310.24/3000)	104.14	104.19	100.98
f)	UNCHAHAH-I(20/420)	6.23	5.26	3.88
g)	UNCHAHAH-II& III & IV(135.09/1130)	50.06	40.28	23.40
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	10.99	7.94	5.37
j)	DADRI GAS (77/830)	4.55	4.84	4.83
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.81	8.81	8.81
n)	RAPP-B (125/440)	28.65	28.40	28.40
o)	RAPP-C (88/440)	19.03	19.03	19.03
p)	SALAL (20.36/690)	4.80	4.80	4.80
q)	URI (70.37/720)	10.64	11.37	8.30
r)	TANAKPUR (10.86/94)	2.43	2.43	2.36
s)	CHAMERA –I (105.84/540)	16.13	16.13	16.13
t)	CHAMERA-II (29.01/300)	0.00	0.00	0.00
u)	CHAMERA-III (25.21/231)	3.89	3.89	3.89
v)	DHAULIGANGA (27/280)	6.22	6.22	6.22
w)	DULHASTI (42.42/390)	8.16	8.16	8.16
x)	SEWA (13/120)	0.63	0.63	0.63
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	35.95	35.95	35.95
z)	TEHRI (75/1000)	9.36	9.32	9.32
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)+KOLDAM (85.73/800)	22.13	22.48	22.23
ab)	TALA	3.47	3.43	3.41
ac)	MUNDRA UMPP (380/4000)	87.27	86.98	85.09
ad)	SASAN (372/3960)	85.69	70.81	71.36
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	29.10	29.24	29.76
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	719.65	683.70	656.89
	LOSSES	0.00	-27.09	0.00
	NET SCHEDULED	719.65	684.37	656.89
21	BILATERAL (REG.) EXCL. BANKING	30.72	31.81	28.08
22	BANKING	-7.04	-7.04	-7.04
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	106.02	103.77	102.18
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	0.00	0.00	-11.01
25	INDIAN ENERGY EXCHANGE	-53.38	-11.95	-11.95
	TOTAL(B): (19 TO 25)	795.97	800.96	757.15
	TOTAL GENERATION (A +B) : 1 TO 25			2442.44
	OVER DRAWAL (+)/UNDER DRAWAL (-)			-4.21
	GRAND TOTAL	2517.18	2503.94	2438.23
	LAST YEAR	2297.89	2299.90	2141.68

3. SYSTEM PARAMETERS AS ON 16-Sep-19

MAXIMUM DRAWL ON 16-Sep-19	11079 MW at 14.45-15.00 HRS 50.03 HZ
MINIMUM DRAWL ON 16-Sep-19	8387 MW at 18.00-18.15Hrs 49.96 HZ
Max U/D of the day	674 MW at 18.00-18.15 Hrs 50.01 HZ
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	4
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	2
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	37
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	4
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	47
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	7
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	8
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	8
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	6
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 16-Sep-19	49.99 Hz
Max O/D of the day	458 MW at 09.45-10.00 Hrs 49.98 HZ
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	1.60
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	79.50
ABOVE 50.05 HZ	18.90
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0
No. of 132 KV Feeders Disconnected	0

4. WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	17-Sep-19	17-Sep-18		
Gandhi Sagar (Ft.)	1312	1250	NA	1284.82	NA	NA
R.P.Sagar (Ft.)	1157.5	1128	NA	1149.56	NA	NA
Jawahar Sagar (Ft.)	980	970.4	NA	977.40	NA	NA
Kota Barrage(Ft.)	854.5	852.3	NA	852.80		
RMC					NA	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1676.04	1651.52	25333	30191
Dehar (Ft.)	2941	2900	2928.34	2920.53	8520	10844
Pong(Ft.)	1421	1260	1386.98	1377.32	12137	7751
Mahi-I (Mts.)	281.5	259	281.15	278.50	2500	58000
Mahi-II (Mts.)	220.5	217	218.15	217.40	NIL	NA

5. POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
17-Sep-19	KTPS	63773	3 days
	STPS	151247	6.5 days
	CHHABRA	80120	6 days
	KALISINDH	60758	4 days

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

17-Sep-19

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
STATE SECTOR										
GIRAL	1	125.00	60	14.40	60	11-Jul-14	8.20			BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#2	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	HRSG#1	55.00	50	12.00	50	08-Oct-18	12.08			BOXED UP
DCCPP	GT#2	110.00	100	24.00	100	08-Oct-18	12.28			BOXED UP
DCCPP	GT#1	110.00	100	24.00	100	08-Oct-18	12.29			BOXED UP
STPS	4	250.00	229	55.00	229	31-Aug-19	23.46			BOXED UP
STPS	6	250.00	229	55.00	229	01-Sep-19	18.00			BOXED UP
STPS	2	250.00	229	0.00	0	02-Sep-19	2.53	16-Sep-19	22.07	BOXED UP
Total(A)-STATE SECTOR-PLANNED OUTAGE			1205.00	1047.00	196.40	818.00				
CENTRAL SECTOR										
SINGRAULI STPS	5	200.00	34	8.20	34	06-Aug-19	22.24			MAJOR OVERHAULING WORK
AURAIYA GPS	4	111.19	18	4.40	18	15-Aug-19	10.31			RESERVE SHUTDOWN
AURAIYA GPS	6	109.30	12	2.90	12	18-Aug-19	20.26			RESERVE SHUTDOWN
AURAIYA GPS	3	111.19	18	4.40	18	18-Aug-19	20.30			RESERVE SHUTDOWN
DADRI GPS	5	154.51	16	3.90	16	22-Aug-19	0.58			RESERVE SHUTDOWN
AURAIYA GPS	5	109.30	12	2.90	12	22-Aug-19	5.37			RESERVE SHUTDOWN
ANTA GPS	4	153.20	34	8.20	34	29-Aug-19	22.55			RESERVE SHUTDOWN
Total(A)-CENTRAL SECTOR-PLANNED OUTAGE			948.69	144.00	34.90	144.00				

(B) FORCE OUTAGE

STATE SECTOR										
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC./AVAIL. (MW)			OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
						DATE	TIME	DATE	TIME	
STATE SECTOR										
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27			DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
RAMGARH	GT3	110.00	100	24.00	100	07-Dec-18	20.45			INSUFFICIENT AVAILABILITY OF GAS
RAMGARH	STG#2	50.00	40	9.60	40	05-Oct-18	10.58			NON AVAILABILITY OF SUFFICIENT GAS
KALISINDH	2	600.00	565	135.60	565	21-Jul-19	14.08			generator stator earth fault in R-Phase ("SD FOR 21 DAYS")
RAJWEST	1	135.00	120	28.68	120	21-Aug-19	1.58			BED MATERIAL LEAKAGE
STPS	5	250.00	229	0.00	0	04-Jul-19	13.06	17-Sep-19	4.34	ANNUAL SHUTDOWN W.E.F. 11.07.19 FOR A PERIOD OF 20DAYS (IT WAS ALREADY UNDER BOXED UP CONDITION W.E.F. 13.06 HRS OF DT. 04.07.19) w.e.f.22.00 hrs./27.08.19 APH A PROBLEM
RAJWEST	5	135.00	120	28.68	120	11-Sep-19	20.15			HEAVY BED MATERIAL LEAKAGE
CTPP	3	250.00	225	54.00	225	15-Sep-19	14.54			SPS DUE TO TRIPPING ON CHHABRA-HINDAUN LINE)
CSCPP	6	660.00	600	0.00	0	15-Sep-19	16.39	16-Sep-19	22.57	SECONDARY SUPER HEATER METAL TEMP. HIGH
STPS	2	250.00	229	0.00	0	17-Sep-19	1.31	17-Sep-19	4.48	DUE TO LOSS OF ALL FUEL
KTPS	3	210.00	192	46.00	192	17-Sep-19	6.00			annual shutdown
Total(B) STATE SECTOR-FORCED OUTAGE			2775.00	2490.00	343.36	1432.00				
CENTRAL SECTOR										
DADRI-I TPS	2	490.00	15	3.59	15	14-Aug-19	0.30			DUE TO ROTOR PROBLEM
RIHAND	4	500.00	58	13.80	58	17-Aug-19	11.24			taken out due to high turbine vibration
DADRI GPS	1	130.19	22	5.30	22	11-Sep-19	22.42			RESERVE SHUTDOWN
ANTA GPS	1	88.71	31	7.50	31	11-Sep-19	23.13			RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	11-Sep-19	23.29			RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	11-Sep-19	23.30			RESERVE SHUTDOWN
ANTA GPS	2	88.71	31	7.50	31	11-Sep-19	23.42			RESERVE SHUTDOWN
ANTA GPS	3	88.71	31	7.50	31	11-Sep-19	23.43			RESERVE SHUTDOWN
DADRI GPS	2	130.19	22	5.30	22	11-Sep-19	23.44			RESERVE SHUTDOWN
Singrauli STPS	6	500.00	85	20.50	85	15-Sep-19	19.17			Boiler tube leakage
Total(B) CENTRAL SECTOR-			246.00	79.79	246.00					
G.TOTAL			1738.89	423.15	246.00		1678.00			

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (*), planned annual shut down (@) and COD is not declared (\$).